| FORM PTO-1   | 449   |                   | Docket Number (Opti<br>81940.0071 | ional)    | Application Number<br>Not assigned    |                               |  |  |  |  |  |  |
|--|---|-------------------|-----------------------------------|-----------|---------------------------------------|-------------------------------|--|--|--|--|--|--|
| INFO   | PRMATION DISCLOSURE CITATION IN AN APPLICATION  | TION              | Applicant  Masahiro ARAI et al.   |           |                                       |                               |  |  |  |  |  |  |
|  | (Use several sheets if necessary)   |                   | Filing Date<br>February 20, 2     | 004       | Group Art Unit<br>Not assigned        |                               |  |  |  |  |  |  |
| U.S. PATENT DOCUMENTS  |   |                   |                                   |           |                                       |                               |  |  |  |  |  |  |
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| W  | 2001-022526   | 01/26/01          | Japan                             |           |                                       | Abstract                      |  |  |  |  |  |  |
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|  | David A. Patterson et al., "A case for redundant arrays of inexpensive disks (RAID)". Computer Science Division, Department of Electronic Engineering and Computer Science, 1998, pp. 109-116 |                   |                                   |           |                                       |                               |  |  |  |  |  |  |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |   |                        |                                  |          |     |     |     |   |  |       |                           |          |             |                |              |  |  |  |
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